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Attorney Docket No.: 21402-237 (Cura-537)

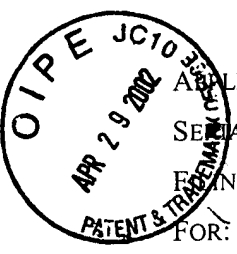
GP 1645

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



APPLICANTS: Padigaru, et al.  
SERIAL NUMBER: 10/042,865  
FILING DATE: January 9, 2002  
EXAMINER: Not Yet Assigned  
ART UNIT: 1645  
FOR: Proteins, Polynucleotides Encoding Them and Methods of Using the Same

Box IDS

Commissioner for Patents  
Washington, D.C. 20231



30623

PATENT TRADEMARK OFFICE

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (12 pages) in duplicate;
3. Copies of cited references C1-C340; and
4. Return Postcard

No fee is believed to be due at this time. However, the Commissioner is authorized to charge any fees that may be due to Deposit Account No. 50-0311, Reference No. 21402-237 (Cura-537). A duplicate copy of this transmittal letter is enclosed.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 617/542-6000, Boston, Massachusetts.

Respectfully submitted,

Ivor R. Elafi, Reg. No. 39,529

Attorney for Applicants

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Dated: April 29, 2002

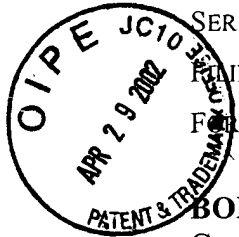
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INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is believed required.

A copy of each of the references in the above-identified application is enclosed unless otherwise indicated on the attached modified Form PTO-1449. It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.


By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANTS: **Padigaru, et al.**  
U.S.S.N.: **10/042,865**

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 21402-237.

Respectfully submitted,

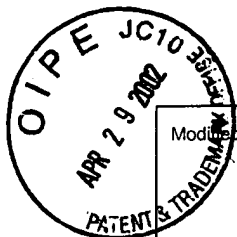
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Dated: April 29, 2002

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PTO/SB (12-97)  
Approved for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Modified Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	10/042,865
	<b>Filing Date</b>	01/09/2002
	<b>First Named Inventor</b>	Padigaru
	<b>Group Art Unit</b>	1645
	<b>Examiner Name</b>	Not Yet Assigned
	<b>Attorney Docket Number</b>	21402-237

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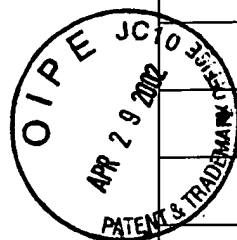
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U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
	B1	WO	00/65054	Incyte Genomics, Inc. <b>FIRST PAGE ONLY</b>	11/02/2000		
	B2	WO	93/21314	Rhonepoulenc Rorer S.A.	10/28/1993		

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	C1	Agnello, et al. (1999). "Hepatitis C virus and other flaviviridae viruses enter cells via low density lipoprotein receptor." <i>Proc Natl Acad Sci U S A</i> <b>96</b> (22): 12766-71.
	C2	Alderborn, et al. (2000). "Determination of single-nucleotide polymorphisms by real-time pyrophosphate DNA sequencing." <i>Genome Res</i> <b>10</b> (8): 1249-58.
	C3	Batt, et al. (1996). "Microinfusion of aminopeptidase M into the paraventricular nucleus of the hypothalamus in normotensive and hypertensive rats." <i>Brain Res Bull</i> <b>39</b> (4): 235-40.
	C4	Berg and Heiberg (1976). "Linkage studies on familial hyperlipoproteinemia with xanthomatosis: normal lipoprotein markers and the C3 polymorphism." <i>Cytogenet Cell Genet</i> <b>16</b> (1-5): 266-70.
	C5	Berg, et al. (1979). "Submicroscopic investigations on calcium oxalate stone genesis." <i>Eur Urol</i> <b>5</b> (2): 136-43.
	C6	Berkemeier, et al. (1992). "Human chromosome 19 contains the neurotrophin-5 gene locus and three related genes that may encode novel acidic neurotrophins." <i>Somat Cell Mol Genet</i> <b>18</b> (3): 233-45.
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	C8	Boehnke, et al. (1989). "Fine-structure genetic mapping of human chromosomes using the polymerase chain reaction on single sperm: experimental design considerations." <i>Am J Hum Genet</i> <b>45</b> (1): 21-32.
	C9	Brauer, et al. (2000). "IG-molecule Kilon shows differential expression pattern from LAMP in the developing and adult rat hippocampus." <i>Hippocampus</i> <b>10</b> (6): 632-44.
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	C11	Brown, et al. (1983). "Isolation of cDNA clones for the light subunit of rat liver ferritin: evidence that the light subunit is encoded by a multigene family." <i>Proc Natl Acad Sci U S A</i> <b>80</b> (5): 1265-9.
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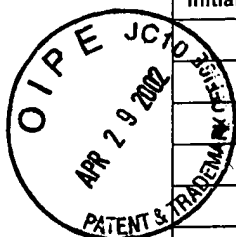
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	C14	Camara, et al. (1990). "Inherited lysozyme deficiency in rabbits. The absence of a primary isozyme of lysozyme as the cause of the condition." <i>Lab Invest</i> <u>63</u> (4): 544-50.
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	C16	Cao, et al. (1996). "TRAF6 is a signal transducer for interleukin-1." <i>Nature</i> <u>383</u> (6599): 443-6.
	C17	Caskey, et al. (1983). "Human ferritin gene is assigned to chromosome 19." <i>Proc Natl Acad Sci U S A</i> <u>80</u> (2): 482-6.
	C18	Chatterton, et al. (1999). "Expression cloning of LDLB, a gene essential for normal Golgi function and assembly of the IdlCp complex." <i>Proc Natl Acad Sci U S A</i> <u>96</u> (3): 915-20.
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	C20	Davis, et al. (1986). "The J.D. mutation in familial hypercholesterolemia: amino acid substitution in cytoplasmic domain impedes internalization of LDL receptors." <i>Cell</i> <u>45</u> (1): 15-24.
	C21	De Braekeleer (1991). "Hereditary disorders in Saguenay-Lac-St-Jean (Quebec, Canada)." <i>Hum Hered</i> <u>41</u> (3): 141-6.
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	C25	Ekstrom, et al. (1999). "An individual with a healthy phenotype in spite of a pathogenic LDL receptor mutation (C240F)." <i>Clin Genet</i> <u>55</u> (5): 332-9.
	C26	Elston, et al. (1976). "Probable linkage between essential familial hypercholesterolemia and third complement component (C3)." <i>Cytogenet Cell Genet</i> <u>16</u> (1-5): 294-7.
	C27	Feussner, et al. (1996). "Unusual xanthomas in a young patient with heterozygous familial hypercholesterolemia and type III hyperlipoproteinemia." <i>Am J Med Genet</i> <u>65</u> (2): 149-54.
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	C29	Frank, et al. (1989). "Linkage of the mouse LDL receptor gene on chromosome 9." <i>Genomics</i> <u>5</u> (3): 646-8.
	C30	Funahashi, et al. (1988). "Mutations of the low density lipoprotein receptor in Japanese kindreds with familial hypercholesterolemia." <i>Hum Genet</i> <u>79</u> (2): 103-8.
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	C34	GenBank Accession Number: <b>AAA41154</b> (27-APR-1993).
	C35	GenBank Accession Number: <b>AAB80953</b> (06-OCT-1999).
	C36	GenBank Accession Number: <b>AAC38017</b> (17-JUL-1995).
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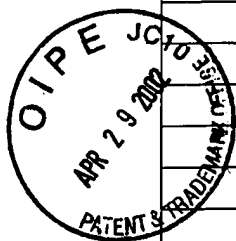
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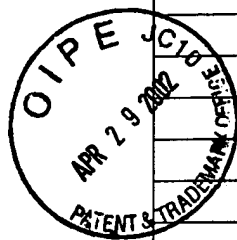
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	C112	GenBank Accession Number: <b>NC_003070</b> (10-JAN-2002). <b>First Pag Only</b>
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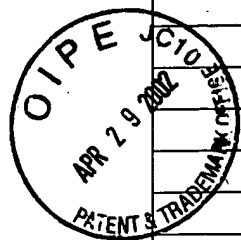


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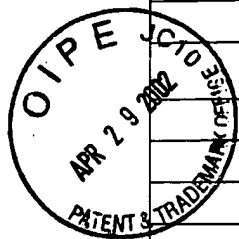


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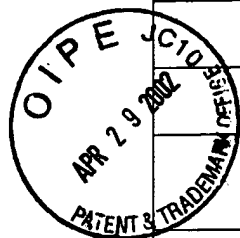
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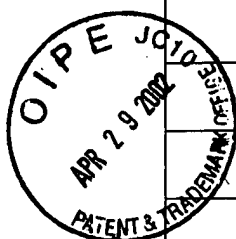
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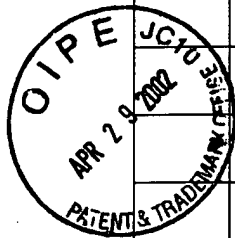
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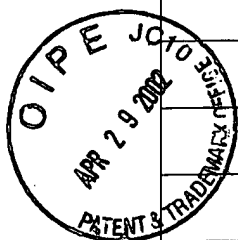


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